

What is claimed is:

1. A broadcast system comprising:

a transmission device including

5 a multiplex portion for multiplexing at least  
main contents data and sub contents data so as to generate  
a transport stream,

a transmission portion for transmitting the  
transport stream generated by the multiplex portion,

10 the multiplex portion generating the sub  
contents data including an output form ID that indicates an  
output form of the sub contents as well as an output  
contents data that indicate an output contents; and

a reception device including

15 a reception portion for receiving the transport  
stream transmitted by the transmission device,

a reconstruction portion for controlling  
reconstruction of main contents and sub contents in  
accordance with the received transport stream,

20 the reconstruction portion determining the  
output form of the sub contents data in accordance with the  
output form that is predetermined for the output form ID in  
the received sub contents data, and determining the output  
contents of the sub contents data in accordance with the  
output contents data in the received sub contents data, so  
25 as to perform the reconstruction control of the sub

contents data.

2. A transmission device comprising:

a multiplex portion for multiplexing at least main contents data and sub contents data so as to generate a transport stream; and

a transmission portion for transmitting the transport stream generated by the multiplex portion;

the multiplex portion generating the sub contents data including an output form ID that indicates an output form of the sub contents as well as an output contents data that indicate an output contents.

3. A reception device comprising:

a reception portion for receiving the transport stream transmitted by a transmission device; and

a reconstruction portion for controlling reconstruction of main contents and sub contents in accordance with the received transport stream;

the reconstruction portion determining the output form of the sub contents data in accordance with the output form that is predetermined for an output form ID in the received sub contents data, and determining the output contents of the sub contents data in accordance with the output contents data in the received sub contents data, so as to perform the reconstruction control of the sub contents data.

A 4. The broadcast system according to claim 1 ~~or the~~  
~~reception device according to claim 3,~~ wherein an output  
form table describing the output form ID and the output  
form corresponding thereto is recorded in the reception  
5 device.

A 5. The device or the system according to <sup>Claim 1</sup>~~any one of~~  
~~claims 1-4,~~ wherein the output form includes at least a  
display position of the sub contents.

A 6. The device or the system according to <sup>Claim 1</sup>~~any one of~~  
~~claims 1-5,~~ wherein the output form includes at least  
information about whether the sub contents are outputted or  
not.

A 7. The device or the system according to <sup>Claim 1</sup>~~any one of~~  
~~claims 1-6,~~ wherein the output form includes at least an  
output time of the sub contents.

A 8. The device or the system according to <sup>Claim 1</sup>~~any one of~~  
~~claims 1-7,~~ wherein the output form includes at least an  
output condition of the sub contents.

A 9. The reception device <sup>Claim 1</sup>~~or the system according to~~  
~~any one of claims 1 and 3-8,~~ wherein the reception device  
20 determines the output form of the sub contents in  
accordance with a predetermined output form when the  
received output form ID is not a predetermined one.

A 10. The device <sup>Claim 1</sup>~~or the system according to any one of~~  
25 ~~claims 1-9,~~ wherein the sub contents are commercial.

11. The device or the system according to any one of claims 1-9, wherein the sub contents are emergency information.

12. Contents data in which main contents data and sub contents data are multiplexed, wherein the sub contents data include an output form ID that indicates an output form of the sub contents and output contents data that indicate output contents.

13. A reconstruction program for controlling reconstruction of main contents and sub contents, wherein the reconstruction program determines an output form of sub contents data in accordance with a predetermined output form for an output form ID in the sub contents data and determines output contents of the sub contents data in accordance with output contents data in the sub contents data, so as to perform reconstruction control of the sub contents data.

14. A data structure comprising:

an output form description portion that describes an output form; and

an output form ID description portion that describes an output form ID corresponding to the output form described in the output form description portion.

15. A broadcasting method in a broadcast system including a transmission device and a reception device; the

method comprising the steps of:

in the transmission device,

generating sub contents data including an  
output form ID that indicates an output form of sub  
5 contents and output contents data that indicates output  
contents. and

generating a transport stream by multiplexing  
at least main contents data and the sub contents data, and  
transmitting the generated transport stream;

and

in the reception device,

receiving the transport stream transmitted by  
the transmission device,

determining the output form of the sub contents  
data in accordance with the output form that is  
predetermined for the output form ID in the received sub  
contents data, and determining the output contents of the  
sub contents data in accordance with the output contents  
data in the received sub contents data. so as to perform  
20 the reconstruction control of the sub contents data, and

controlling reconstruction of the main contents  
in accordance with the received transport stream.

16. A method for generating a transport stream, the  
method comprising the steps of:

25 generating sub contents data including an output form

ID that indicates an output form of the sub contents as well as an output contents data that indicate an output contents; and

generating a transport stream by multiplexing at least main contents data and the sub contents data.

17. A method for reconstructing a transport stream, the method comprising the steps of:

receiving a transport stream transmitted by a transmission device;

determining an output form of sub contents data in accordance with the output form that is predetermined for an output form ID in the received sub contents data, and determining output contents of the sub contents data in accordance with the output contents data in the received sub contents data, so as to control the reconstruction of the sub contents data.